

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: YOSHIHIRO HAMAKAWA ET AL  
SERIAL NO.: 10/606,900

GROUP ART UNIT: 1722

EXAMINER: G. N. RAO

ATTY. REFERENCE: HAMA3002D/BEU

FILED: June 27, 2003

FOR: PHOTOVOLTAIC APPARATUS AND MASS-  
PRODUCING APPARATUS FOR MASS-  
PRODUCING SPHERICAL SEMICONDUCTOR  
PARTICLES



COMMISSIONER OF PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a communication/amendment in the above-identified application.

- ☐ Small entity status under 37 CFR 1.9 and 1.27 is claimed.  
☒ No additional fee is required.

The fee, if any, has been calculated as shown below:

Fee Basis	Number of Claims After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity	Full Fee
Total Claims		<sup>1</sup>	<sup>3</sup>	× \$ 25 =	× \$ 50 =
Independent Claims		<sup>2</sup>	<sup>3</sup>	× \$ 100 =	× \$ 200 =
<input type="checkbox"/> First Presentation of Proper Multiple Dependent Claim				+ \$ 180 =	+ \$ 360 =
<b>TOTAL</b>					

<sup>1</sup> If less than 20 enter 20.

<sup>2</sup> If less than 3 enter 3.

<sup>3</sup> If less than 0 enter 0.

- ☐ Please charge my **Deposit Account Number 02-0200** in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$ \_\_\_\_\_ is attached.
- ☐ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees due under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account Number 02-0200**. A duplicate copy of this sheet is attached.
- ☐ Also enclosed is/are:

23364

Customer Number  
Phone: (703) 683-0500

DATE: March 27, 2007

Respectfully submitted,

Benjamin E. Urcia  
Attorney for Applicant  
Registration Number: 33,805



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:	)	Group Art Unit: 1722
	)	
Yoshihiro HAMAKAWA <i>et al.</i>	)	Examiner: G. N. Rao
	)	
Serial Number: 10/606,900	)	<i>Attorney Docket:</i> HAMA3002/BEU
	)	
Filed: June 27, 2003	)	<u>Confirmation No.:</u> 5027

For: Photovoltaic Apparatus And Mass-Producing Apparatus For Mass-Producing Spherical Semiconductor Particles

### RESPONSE TO RESTRICTION REQUIREMENT

Honorable Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

This paper is in response to the Official Action dated January 8, 2007.

The Official Action set a three (3) month period for response so that this paper is timely filed.

The Applicant elects **Invention II, claims 71-74**, without traverse.

The Applicant also elects the **species** in which the crystallizing source is a **laser source**, **claim 72**.

Claims 71, 72, and 74 all **read on** the elected species. Claim 71 is **generic** and claim 74 depends from claim 72.

It is noted that originally-named inventor Yoshihiro HAMAKAWA is not an inventor of the subject matter of claims 71-74. However, he has already been deleted as an inventor in a request submitted on November 3, 2006.

Serial Number 10/606,900

Having thus complied with the restriction requirement made in the Official Action, early and favorable action on the merits is requested.

Respectfully submitted,  
BACON & THOMAS, PLLC

A handwritten signature in black ink, appearing to be 'B. Urcia', with a long horizontal line extending to the right.

By: Benjamin E. Urcia  
Registration No. 33,805

Date: March 27, 2007

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